

# COLUMBUS COURIER

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## NEW METHOD OF IRRIGATION

**Sub-Irrigation Proves Most Satisfactory Wherever Tried, and Promises to Be a Big Factor in the Not Distant Future.**

Until recent years most methods of sub-irrigation have been impracticable and costly. The old bury drain tile was used in many instances but found unsatisfactory in a short time. Recently a new system has come in vogue, and is being tried out by some of the farmers of the Mimbres Valley, and so far seems to be proving very satisfactory.

It consists of a concrete tiling placed about two feet under the ground, the same being made in the ditch and one continuous piece. There is generally a main conduit from which laterals are run at right angles at a point where the laterals leave the main conduit, and at this point a valve is placed that the water may be turned off at the option of the irrigator. On top of the tiling, about every four feet, are small tubes with outlets ranging in size from that of a six-penny nail to an opening sometimes smaller than the lead of a pencil. Each of these valves is covered with a concrete cap or shield, thereby preventing them from becoming clogged. These tubes extend about one-quarter of an inch above the tiling, and one-half inch on the inside. Water is forced through them by means of pump or tank pressure.

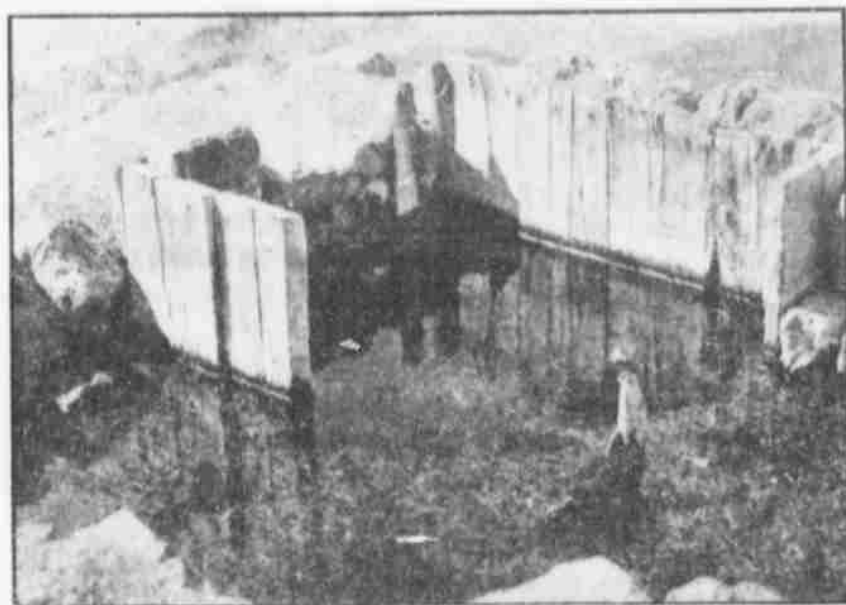
Right here are two very important points in favor of this system. First, an equal distribution of water to the ground is assured, and water is admitted only so fast as it is absorbed by the earth. All that is needed is to graduate the size of the outlets in the pipes according to high or low pressure. Hence, the land to be irrigated does not necessarily need to be level. If there is any fall in the land the pressure at the lower end of the lateral will of course be higher, but by graduating the size of the outlets water can be distributed as evenly on rolling as on level ground.

With an ordinary farm well and a two or three-horse power gasoline engine, from 15 to 25 acres of land can easily be irrigated by this method. One government expert claims that the saving in labor for three years with sub-irrigation will more than pay for

the installing of the system. Furthermore, where land is sub-irrigated, there is always a dry mulch on top of the soil, no baking whatever, and the land can be cultivated every day of the year. Many states of the union are now employing this system, namely, Kansas, Florida, New York, and some portions

elsewhere of the prizes. All premiums become the property of the fair association, and will be sent to Albuquerque for a state fair in competition with products of elsewhere throughout the state.

Thursday evening there will be a baby show. There will also be prizes given for the best exhibits



One of the Springs South of Columbus

of California, and they are finding it a very satisfactory and profitable method of irrigation.

### Woman for County Superintendent

The announcement of Miss Gene Goebel as a candidate at the Republican convention for the office of county superintendent of schools gives a new feature to Luna county politics. This is the only office in the gift of the people to which a woman is eligible. Many of the counties in the states have lady superintendents, and in almost every instance they have proved to be most efficient servants. Miss Goebel was educated in the schools of Whiteside county, Illinois, the Fulton high schools, Northern Illinois college, receiving training in the Chicago Normal school, and also has a teaching career that covers a period of fifteen consecutive years, and shows experience in most of the important phases of education as connected with public school work. Deming Herald light.

### Luna County Fair.

The annual Luna County Fair will be held at Deming, October 1, 5 and 6. A list of premiums has been arranged, which includes premiums on pears, apples, peaches, plums, grapes, nectarines, various vegetables, and all kinds of farm produce. Poultry also comes in for a liberal

of fancy work, bakery stuff, preserved and canned fruit.

Columbus ought to be well represented on this occasion. No where in the county is there to be found better farm and garden products than that grown here, while the fruit of this vicinity is the equal of the best grown in the Mimbres Valley anywhere. Let the farmers get busy and pick out their best specimens to be taken to the county fair.

### Another Big Rain.

The lower Mimbres Valley was visited by Jupiter Pluvius again last Sunday and his liquid blessings distributed in copious amount. The rain came driving from the north east, and in a little while the big ditch of the Sierra Madre grade was bank full and overflowing. The bridge leading to the custom house was washed away by the force of the water as it made its way toward the lakes south of town. This means another assurance of a fine prairie hay crop, and an increased yield for the farmers who are employing the dry farming system in this valley.

LATER. And still the moisture continues to descend. This time Tuesday midnight, and it was more like a deluge than a summer shower. Nothing dry in these parts but the liquor business.

## WONDERFUL MIMBRES VALLEY

**El Paso Business-Farmer Tells of Resources of Lower Mimbres Valley as Now Being Advertised by Local Townsite Company**

The enterprising real estate firm of Hellberg & Blair of El Paso, who are now settling many people in and around El Paso, especially in the Mimbres Valley, are preparing to place the great resources of the southwest vividly before the people of the north and east. Early this month they put on the road a corps of experts, who will carry with them one of Edison's moving picture machines. They will have over 300 slides. These slides will vividly illustrate from actual scenes what is transpiring in the country tributary to El Paso. In this land of wonders, whose magnificent climatic conditions make it the paradise of homeseekers, and 75 miles from El Paso is what is known as the Mimbres Valley, New Mexico. This famous valley contains the pushing, progressive town of Columbus, and contains approximately 200,000 acres, that soon will smile from the vegetation that springs out of the virgin soil. And the water does the work, water, water everywhere.

This water, the purest found anywhere, is secured at a depth for domestic use of from 10 to 60 feet, which often is the means of irrigating nice little bodies of land on which alfalfa and the various vegetables are raised, and which find a ready market. Hundreds of people are making money on these lands; at a depth of 25 to 125 feet, the underground stream is tapped, rising to within 2 to 10 feet of the surface, and from 100 to 200 acres can be irrigated. All these things, such as the wells with the pure water flowing from the pumps, and the ditches transmitting it to the land surrounding the houses, the growing vegetation, and all the wonders of the country will be thus shown, and splendid speakers will elaborate and explain and answer questions. We are sure that this enterprise on the part of Hellberg & Blair will bring many people to the great Southwest. It will not only benefit El Paso people, the great commercial interests, but those who come and settle will see their for-

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